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NOTICE OF ALLOWANCE AND ISSUE FEE DUE

F3M1/0917

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
First Named Applicant 08/439,562	05/11/95	030	CHENG, J	3302 09/17/96

TITLE OF INVENTION REDFORD, PETER M.

A METHOD FOR STARTING UP A PROCESS AUTOMATICALLY ON INSERTION OF A STORAGE MEDIA INTO A HOST DEVICE (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 M-2726-1D-US	434-118.000	Z99	UTILITY	YES	\$625.00	12/17/96

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

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If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:

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- B. If the status is the same, pay the FEE DUE shown above.

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- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

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III. All communications regarding this application must give application number and batch number.
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

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ALAN H MACPHERSON SKJERVEN MORRILL MACPHERSON FRANKLIN AND FRIEL 25 METRO DRIVE SUITE 700 SAN JOSE CA 95110		INVENTOR'S NAME	
		Street Address	
		City, State and Zip Code	
		CO-INVENTOR'S NAME	
		Street Address	
		City, State and Zip Code	
		<input type="checkbox"/> Check if additional changes are enclosed	

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
First Named Applicant	08/439,562	05/11/95	030 CHENG, J	3302 09/17/96

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3. Correspondence address change (Complete only if there is a change)	4. For printing of the patent front page, list the names of not more than 3 registered patent attorneys or agents OR, alternatively, the name of a firm having as a member a registered attorney or agent. If no name is listed, no name will be printed.	YES	\$625.00	12/17/96
		1		
		2		
		3		

5. ASSIGNMENT DATA TO BE PRINTED ON THE PATENT (print or type)

(1) NAME OF ASSIGNEE:		6a. The following fees are enclosed:	
(2) ADDRESS: (CITY & STATE OR COUNTRY)		<input type="checkbox"/> Issue Fee <input type="checkbox"/> Advance Order - # of Copies _____	
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A <input type="checkbox"/> This application is NOT assigned. <input type="checkbox"/> Assignment previously submitted to the Patent and Trademark Office. <input type="checkbox"/> Assignment is being submitted under separate cover. Assignment should be directed to Box ASSIGNMENTS. PLEASE NOTE: Unless an assignee is identified in Block 5, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.		The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee to the application identified above. (Authorized Signature) _____ (Date) _____ NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.	

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on Sept. 25, 1996

(Date)

JOUNG-WOO JOHN KIM
(Name of person making deposit)

(Signature)

Joungwoo Kim

(Date)

Sept. 25, 1996

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UNITED STATES DEPARTMENT OF COMMERCE
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Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

08/439,562 05/11/95 REDFORD F M-2726-1D-US
SERIAL NUMBER FILING DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NO.

CHENG, J

F3M1/0917

ALAN H MACPHERSON
SKJERVEN MORRILL MACPHERSON
FRANKLIN AND FRIEL
25 METRO DRIVE SUITE 700
SAN JOSE CA 95110

EXAMINER

3302 ART UNIT PAPER NUMBER

09/18/96

DATE MAILED:

NOTICE OF ALLOWABILITY

PART I.

1. ☒ This communication is responsive to the Amendments filed on 5/8/96, 7/6/96 and 9/14/96
2. ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
3. ☒ The allowed claims are 63-65, 67-72, 101, 102, 104-111, 115-118 and 120-127.
4. ☐ The drawings filed on _____ are acceptable.
5. ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. _____, filed on _____.
6. ☒ Note the attached Examiner's Amendment.
7. ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
8. ☐ Note the attached Examiner's Statement of Reasons for Allowance.
9. ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
10. ☒ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
2. ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
- a. ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 8. CORRECTION IS REQUIRED.
- b. ☒ The proposed drawing correction filed on 7/26/96 has been approved by the examiner. CORRECTION IS REQUIRED.
- c. ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
- d. ☒ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- ☒ Examiner's Amendment
☒ Examiner Interview Summary Record, PTOL-413
☐ Reasons for Allowance
☒ Notice of References Cited, PTO-892
☒ Information Disclosure Citation, PTO-1449

- ☐ Notice of Informal Application, PTO-152
☐ Notice re Patent Drawings, PTO-948
☐ Listing of Bonded Draftsmen
☐ Other

Serial No. 08/439,562
Art Unit 3302

-2-

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

In the claims:

Rewrite claims 63, 109, 111, 115-118, 120, 122, 123 and 126 as following:

~~1-63~~ (Fourth Times Amended) A method for automatically starting up a process in a host device based on insertion of a storage media into a peripheral, comprising:

booting an operating system of the host device, said step of booting including checking for an initialization file;

automatically enabling an interrupt;

automatically checking for a file ~~in~~ other than said initialization file in [a] at least one removable storage media associated with [said] at least one peripheral on occurrence of said interrupt, said removable storage media being encoded with electronic content including said file;

automatically loading at least a portion of the electronic content from said removable storage media in response to finding said file during said step of automatically checking; [and]

automatically executing an application identified by or associated with said file; and

returning to said step of automatically enabling.

9-109. (Twice Amended) The method of claim [63] ~~64~~²⁵, wherein said selection comprises text and said step of displaying comprises

E2 showing said text on a screen.

20 ~~111~~ --111.(Third Times Amended) A method for automatically starting up a process in a host device based on insertion of a storage media into a peripheral, comprising:

booting an operating system of the host device, said step of booting including checking for an initialization file and utilizing said initialization file;

E3 automatically enabling an interrupt from at least one peripheral;

automatically loading into a selected memory at least a portion of electronic content from a file other than said initialization file encoded on a storage media located in at least one peripheral on occurrence of said interrupt;

automatically using said electronic content, wherein said step of automatically using comprises passing control of said host device to said electronic content of said file; and

returning to said step of automatically enabling after completion of said step of automatically using.

2/ ~~115~~ --115.(Twice Amended) The method of claim ~~111~~¹¹⁵, wherein said portion of the electronic content comprises a sound recording and wherein said method further comprises displaying a selection encoded in the form of electronic content on said storage media. said step of displaying comprises playing said sound recording through a speaker means.

E4 ~~116~~ --116.(Twice Amended) The method of claim ~~111~~¹¹⁵, wherein said

portion of the electronic content comprises a video recording and
wherein said method further comprises displaying a selection
encoded in the form of electronic content on said storage media,
said step of displaying comprises showing said video recording on
a screen.

²³
--~~117~~. (Twice Amended) The method of claim ~~111~~²⁰, wherein said
portion of the electronic content comprises a graphics image and
wherein said method further comprises displaying a selection
encoded in the form of electronic content on said storage media,
said step of displaying comprises printing said graphics image
through a printer.

E4 ²⁴
--~~118~~. (Twice Amended) The method of claim ~~111~~²⁰, wherein said
portion of the electronic content comprises text and wherein said
method further comprises displaying a selection encoded in the form
of electronic content on said storage media, said step of
displaying comprises printing said text through a printer.

²⁵
--~~120~~. (Third Times Amended) A method for automatically
starting up a process in a host device based on insertion of a
storage media into a peripheral, comprising:

E5 booting an operating system of the host device, said step
of booting including checking for an initialization file;

automatically enabling an interrupt from a removable
storage media in a peripheral in a set of at least one peripheral
on insertion of a removable storage media into said peripheral;

automatically checking for a file other than the

initialization file in said removable storage media on occurrence of said interrupt, said removable storage media being encoded with electronic content including said file;

automatically disabling said interrupt;

ES automatically using at least a portion of said electronic content from said removable storage media in response to finding said file during the step of checking, wherein said step of automatically using comprises passing control of said host device to said file; and

returning to said step of automatically enabling after completion of said step of automatically using.

EL ~~27~~ 122. (Twice Amended) The method of claim ~~120~~²⁵ further comprises the step of waiting for said interrupt prior to said step of automatically checking, and wherein said steps of automatically enabling said interrupt, waiting, automatically checking, automatically disabling said interrupt, and automatically using are repeated.

~~28~~ 123. (Twice Amended) The method of claim ~~120~~²⁵ further comprises the step of[:] enabling a plurality of interrupts in addition to said interrupt[;], and storing a name of said peripheral in a variable prior to said step of automatically disabling said interrupt.

EN ~~31~~ 126. (Twice Amended) The method of claim ~~124~~²⁹ further comprises the step of waiting for said interrupt prior to said step of automatically checking, and wherein at least said steps of

EN automatically enabling said interrupt, waiting, automatically checking, automatically disabling said interrupt, and automatically using are repeated.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Omkar Suryadevara (applicant's attorney) on September 12, 1996.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Audebert et al (U.S. Pat. No. 5,073,931) - note Figs. 1-12;

Parks et al (U.S. Pat. No. 5,530,960) - note Figs. 1-13;

"PC-MS DOS 4.0 for Hard Disk User" by David D. Busch, 1989, Pg. 27-32 and 141-163.

4. Any inquiry concerning this communication should be directed to Joe Cheng at telephone number (703) 308-0858.

Joe Cheng
September 12, 1996

Joe H. Cheng
JOE CHENG
PRIMARY EXAMINER
GROUP 3300